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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Amendment to the PATRICK T. ANGLIN, ET AL. Patent Application

Serial No. 10/627,534

Examiner: Tien Quang Dinh

Filed: July 25, 2003

Art Unit: 3644

For: PREDICTING, BOUNDING AND MITIGATING EARTH SATELLITE
ATTITUDE DISTURBANCES FOR SATELLITES UTILIZING
INFRARED EARTH SENSORS

Office Action mailed: August 26, 2004

United States Patent and Trademark Office
COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

Responding to the PTO Office Action mailed August 26, 2004, please
amend the above-identified Application as follows:

In the Claims

Please amend Claims 1, 2 and 4 to read as follows:

1. (AMENDED) A system for mitigating ERGD events affecting the pitch and roll attitude of a satellite in an inclined, elliptical earth orbit which comprises a plurality of infrared earth sensors for determining satellite roll and pitch connected to means for yaw biasing said infrared earth sensors' earth scans away from ERGD areas on the earth.

Patrick T. Anglin, et al.
Appl. No. 10/627,534
October 5, 2004

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